



## Molecular Circuits Regulating Sleep and Wakeful Consciousness

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Deadline for manuscript  
submissions:

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### Message from the Guest Editors

The sleep field has recently witnessed an exponential increase in the understanding of brain circuitries regulating sleep/wake behavior. The goal of the Special Issue is to gather original research and review articles relevant to the control of non-rapid eye movement (non-REM), REM sleep, or wakeful consciousness. We are especially seeking contributions that shed light on mechanisms underlying key aspects of the sleep states, such as sleep need; the circadian, ultradian, or behavioral gating of sleep; and REM sleep homeostasis. We are open to articles that use innovative techniques to study the detailed circuit and synaptic basis of sleep/wake control, for example, electrophysiological recording or imaging used in combination with pharmacologic or the genetically driven perturbation of defined sets of neurons or glial cells in all animals that have the ability to sleep or exhibit a sleep-like behavior. We also welcome studies on the molecular profiling of sleep and wake states or the crosstalk between sleep and peripheral physiological systems (e.g., immune system or metabolism), as well as studies about physical and chemical factors that influence sleep and wakefulness.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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